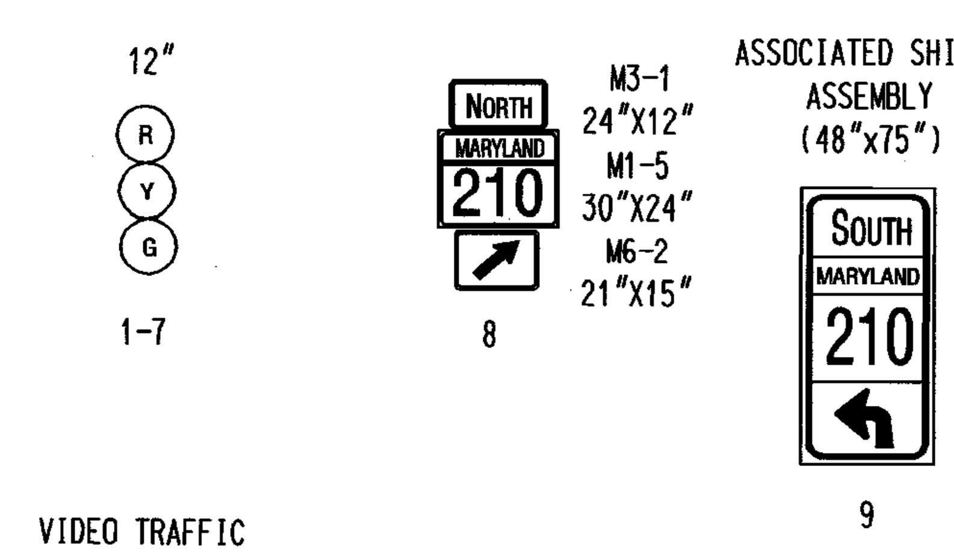
PROPOSED SIGNALS

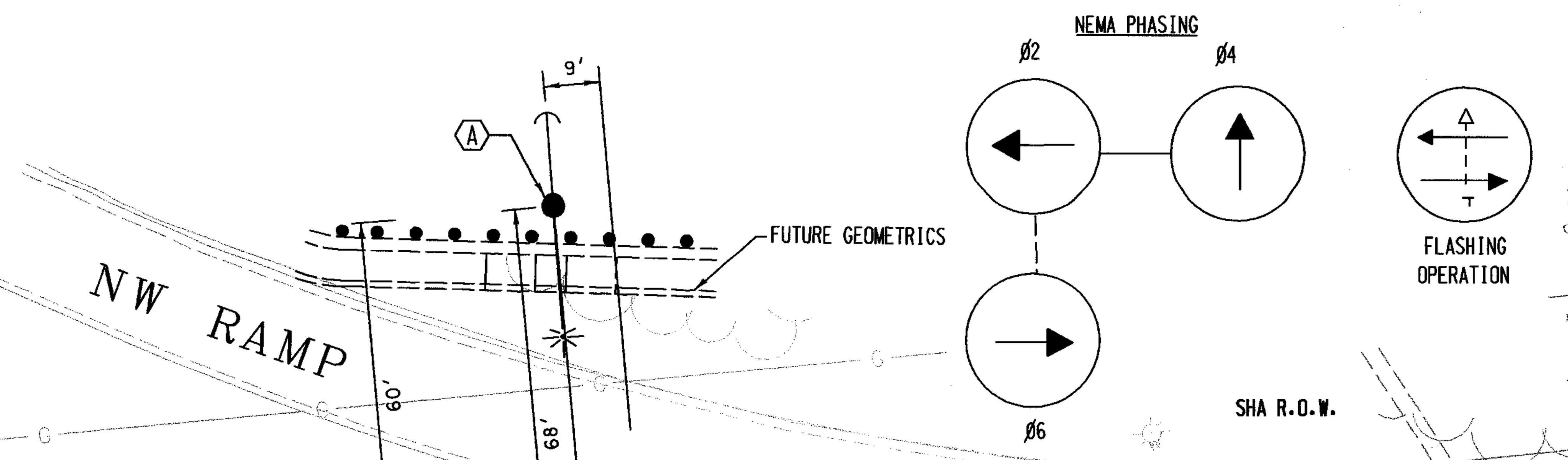
PROPOSED SIGNS



VIDEO TRAFFIC
DETECTION CAMERA

MD 210 INDIAN HEAD HIGHWAY IS ASSUMED TO RUN IN A NORTH-SOUTH DIRECTION

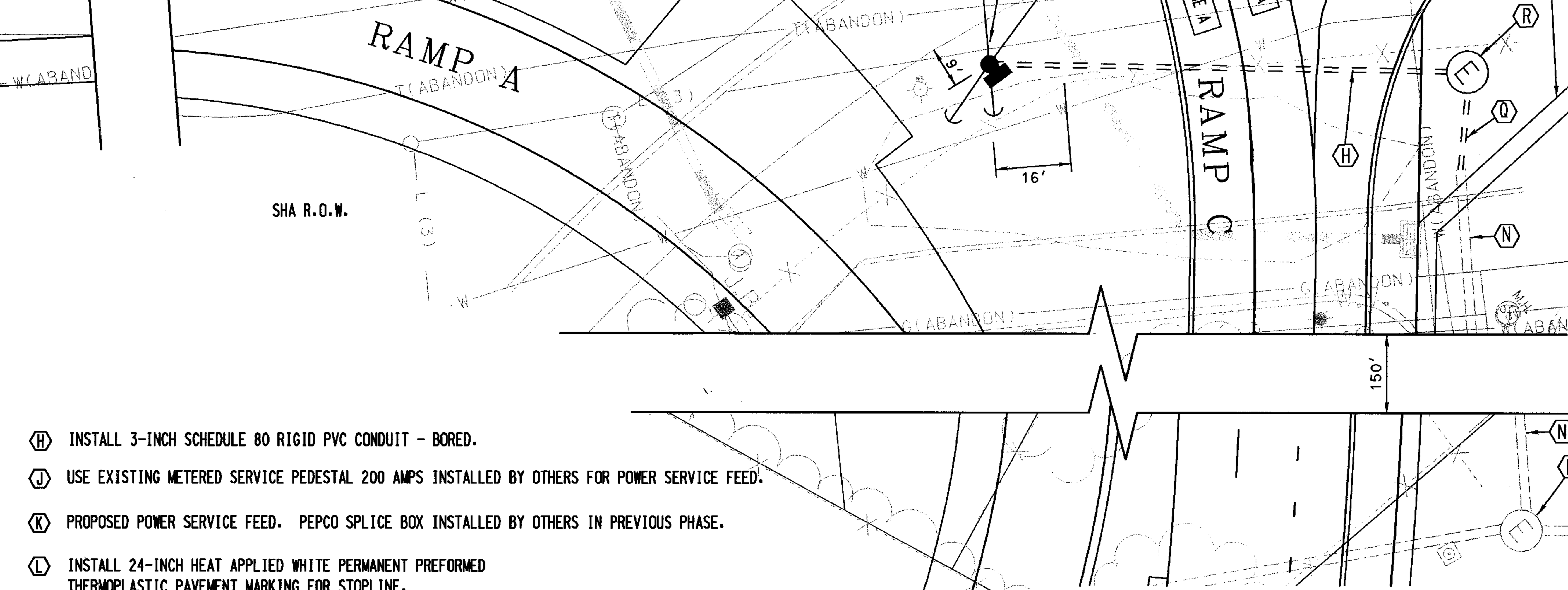
NEMA PHASING



PHASING NOTES:

1) PHASE ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

2) PHASE ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.



SHA R.O.W.

GENERAL NOTES:

1) ALL UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC AND ARE NOT TO BE CONSIDERED COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION SO THAT ALL UTILITIES MAY BE FIELD LOCATED. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN THE UTILITIES AND TRAFFIC SIGNAL EQUIPMENT WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY.

2) PAVEMENT MARKINGS DETAILED ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH MDSHA STANDARDS.

3) ALL TRAFFIC SIGNAL FOUNDATIONS SHALL BE INSTALLED AT THE FINAL SIDEWALK OR CURB GRADE FOR CLOSED SECTIONS, HIGHEST ROADWAY PROFILE GRADE FOR OPEN SECTIONS, TO MEET CLEARANCES AS SPECIFIED IN MD 816.03, MD 818.01, MD 818.02, MD 818.04. THE CONTRACTOR SHALL VERIFY ULTIMATE GRADES PRIOR TO THE INSTALLATION OF ALL SIGNAL EQUIPMENT.

CONSTRUCTION DETAILS

(A) INSTALL 40-FOOT TEMPORARY CLASS 2 WOOD POLE AND BACK GUY, 3/8-INCH DIAMETER STEEL SPAN WIRE, 1/4-INCH DIAMETER STEEL TETHER WIRE, SIGNAL HEADS, 20 FOOT LIGHTING ARM, 250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE WITH PHOTOCELL.

(B) INSTALL 40-FOOT TEMPORARY CLASS 2 WOOD POLE AND BACK GUYS, 3-INCH WEATHERHEAD, 3-INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT (RISER) FROM CABINET TO TOP OF POLE, 3-INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT (RISER) FROM CABINET TO BOTTOM OF POLE, EIGHT PHASE (FULLY ACTUATED) CONTROLLER AND CABINET-POLE MOUNT WITH NON-FUSED DISCONNECT SWITCH, 3/8-INCH DIAMETER STEEL SPAN WIRE, 1/4-INCH DIAMETER STEEL TETHER WIRE AND SIGNAL HEADS.

(C) INSTALL 40-FOOT TEMPORARY CLASS 2 WOOD POLE AND BACK GUY, 3-INCH WEATHERHEAD, 3-INCH PVC SCHEDULE 80 ELECTRICAL CONDUIT (RISER) TO 30 FEET, 3/8-INCH DIAMETER STEEL SPAN WIRE, 1/4-INCH DIAMETER STEEL TETHER WIRE, VIDEO TRAFFIC DETECTION CAMERA, SIGNAL HEADS, 20 FOOT LIGHTING ARM, 250 WATT HIGH PRESSURE SODIUM LAMP AND LUMINAIRE WITH PHOTOCELL.

(D) INSTALL ELECTRICAL HANDHOLE.

(E) INSTALL 3-INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED.

(F) INSTALL MICRO-LOOP PROBE SET.

(G) INSTALL 1-INCH LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT FOR DETECTOR SLEEVE.

(H) INSTALL 3-INCH SCHEDULE 80 RIGID PVC CONDUIT - BORED.

(J) USE EXISTING METERED SERVICE PEDESTAL 200 AMPS INSTALLED BY OTHERS FOR POWER SERVICE FEED.

(K) PROPOSED POWER SERVICE FEED. PEPCO SPLICE BOX INSTALLED BY OTHERS IN PREVIOUS PHASE.

(L) INSTALL 24-INCH HEAT APPLIED WHITE PERMANENT PREFORMED THERMOPLASTIC PAVEMENT MARKING FOR STOPLINE.

(N) USE EXISTING ELECTRICAL CONDUIT INSTALLED FOR POWER SERVICE BY OTHERS.

(P) USE EXISTING ELECTRICAL MANHOLE INSTALLED FOR POWER SERVICE BY OTHERS.

(Q) INSTALL 4-INCH SCHEDULE 80 RIGID PVC CONDUIT - TRENCHED AND CONNECT TO THE EXISTING CONDUIT STUB-OUT INSTALLED FOR POWER SERVICE IN PREVIOUS PHASE.

(R) INSTALL ELECTRICAL MANHOLE.

(S) INSTALL GROUND MOUNTED SIGN.

UTILITY LEGEND

—G—G—	GAS MAIN
—W—W—	WATER MAIN
—S—S—	SEWER MAIN
—E—E—	ELECTRIC CABLES
—A—A—	AERIAL CABLES
—T—T—	TELEPHONE CABLES
—L(3)—L(3)—	LEVEL 3 FO CABLES
—FO—FO—	FIBER OPTIC CABLES

PLOTTED: "08:41 AM on Monday, February 14, 2005"
BY: McSendy Pierre Division: Transportation
FILE: m:\1998\0198145\210ogptemp03l.dgn

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REVISIONS

4 ADDENDUM NO. 4 MARCH 10, 2005 SHEET REPLACED

MP

APPROVALS

[signature] 2-16-05
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION

CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

[signature] 2/15/05
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

SP-1 OF SP-23

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

TEMPORARY TRAFFIC SIGNAL PLAN (STAGE IB-III)
MD 210 INDIAN HEAD HIGHWAY AT SB I-95/I-495 OFF RAMP (RAMP C)

DRAWN BY:	M. PIERRE	F.A.P. NO.	SEE TITLE SHEET	TS NO. 4373-P1B	SHEET NO.
CHECKED BY:	J. LAWRENCE	S.H.A. NO.	PG5075173		
SCALE:	1"=20'	COUNTY:	PRINCE GEORGE'S	T.I.M.S. NO. E149	281 OF 402
DATE:	12-7-04	LOG MILE:	16021013.33		